Answer Sheet to Accompany Assignment: LP2: Digital Movie

**Name:**

**1. What GPS does your movie fulfill?**

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| **SCSh6. Students will communicate scientific investigations and information clearly.**  b. Write clear, coherent accounts of current scientific issues, including possible  alternative interpretations of the data  c. Use data as evidence to support scientific arguments and claims in written or oral  presentations. |

**2. Briefly describe the lesson/project that you would have students make this movie for.**

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| This chemistry project is an opportunity for students to demonstrate integrated knowledge and skills in chemistry, history, and communication. This will be achieved through the creative medium of a student-created movie. More specifically, the student will choose a scientist who made a significant contribution to the field of chemistry, then create a short movie about the scientist, what he discovered/developed, how the contribution advanced science, and instructions for a related laboratory experiment that the student could do in the lab. Students should follow the “Movie Checklist” of criteria below. |

**3. List at least 3 expectations for the student’s movies. This needs to go beyond the technical specifications already given in the Movie Checklist.**

**Checklist (Movie):**

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| **Criterion** | **Present/Absent** |
| Movie is at least 3 minutes in length |  |
| Story includes music that fades in and out. |  |
| Music is smoothly incorporated without unintended volume fluctuations. |  |
| A text is included (either narrated with voice or conveyed with text slides). |  |
| Title screen has a title. |  |
| Title screen has an author name. |  |
| Credits cite the origin of the pictures. (specific author/website) |  |
| Credits cite the origin of the music. (artist/band name) |  |
| Images are clear (not blurry). |  |
| At least 2 types of transitions are used at least once. |  |
| At least 2 types of effects are used at least once. |  |

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| Project includes a movie clip of at least 1 science teacher/professor, that the student knows, speaking on the topic.  Lab experiment instructions should be video or text & pictures with voice over.  Include an image of the scientist and a timeline. |

**4. Is the use of media in this student movie considered “fair use?”**

Please list where you obtained your media (pictures, audio, video, etc.). An example of how to fill out such a chart is at [Sample List of Credits](http://sun.westga.edu/~khuett/sample_list_of_credits.doc).

It is important to be fair in your media use and to teach your students to be the same. From [Copying Rights and Copying Wrongs](http://www.educationworld.com/a_curr/curr280d.shtml), I quote the multimedia guidelines:

* “up to three minutes or 10 percent, whichever is less, of a single copyrighted **motion media** work.
* up to 30 seconds or 10 percent, whichever is less, of **music** and lyrics from a single musical work.
* up to five **photographs** or illustrations by one person and no more than 15 images or 10 percent, whichever is less, of the photographs or illustrations from a single published work.”

**Do your best to be fair in your use of media. Given the access we have to so much media, it's easy to violate Fair Use (sometimes intentionally and sometimes unintentionally). In order to model digitally ethical behavior for our students, we have to master it ourselves first. This definitely takes practice.**

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| **Media Element** | **Source** | **Why it meets Fair Use** |
| Voice over narration - biography | <http://chemistry.about.com/od/famouschemists/a/avogadro.htm>;  *Exploring Creation with Chemistry, 2nd Ed.* | Applied information; research only |
| Music: Green Acres Theme | iTunes | Purchase; less than 45 sec |
| Music: Munsters Theme | iTunes | Purchase; less than 45 sec |
| Music: Hawaii 5 – 0 Theme | iTunes | Purchase; less than 45 sec |
| Avogadro image | <http://schools-wikipedia.org/wp/a/Avogadro%2527s_law.htm> | GNU Free Documentation License |
| Flamingo, eggs, sand dune images | <http://office.microsoft.com/en-us/images/> | Software contract agreement |